



SUPPLEMENTARY AUTHORIZATIONS For Single Subject, Standard Secondary, and Special Secondary* Teaching Credentials

Holders of Single Subject, Standard Secondary, or Special Secondary* Teaching Credentials may have one or more of the subjects listed below added to their credential as a supplementary authorization by verifying completion of the following requirements. Supplementary authorizations cannot be issued in any subject that falls within the statutory single subject category of an applicant's Single Subject Teaching Credential.

Requirements for the Holders of Single Subject, Standard Secondary, and Special Secondary* Teaching Credentials

Applicants must satisfy **one** of the following requirements:

1. Official transcripts showing the completion of either 20 semester units (or 10 upper-division semester units) of non-remedial course work in the subject, completed at a regionally accredited community college, college, or university
 - 20 semester units are required if a combination of upper- and lower-division units are completed
 - the "Introductory" subjects require at least one course in each of the specified areas listed—the balance of the 10 or 20 units may be in any course within the subject category
 - a grade of "C" or higher is required in every course used to meet this requirement
 - education and education methodology classes and courses outside the subject area requested will not be counted unless the applicant can get a letter from the chair of the subject area department stating that the course is equivalent to one offered by that department
 - non-remedial courses are those which are applicable to a bachelor's degree or a higher degree at a regionally accredited college or university
2. A collegiate major from a regionally-accredited college or university in a subject directly related to the subject to be listed

Introductory Subjects

The subjects that may be listed on the credential are printed below in **bold**. To obtain a subject, the teacher must verify at least one course in each of the areas listed after that subject. These subjects authorize the holder to teach only the subject matter content typically included for that subject in curriculum guidelines and textbooks for study in grades 9 and below to students in preschool, kindergarten, grades 1–12, or in classes organized primarily for adults.

Introductory Agriculture: animal science, plant science, and agricultural mechanics

Introductory Art: drawing and painting, art history or appreciation, and crafts

Introductory Business: business management, business marketing or introduction to business, computer concepts and applications, economics, business communications or business English, and accounting

Introductory English: composition, literature, and grammar or language structure

Introductory Language Other Than English (Specify): grammar, composition, conversation, and literature, plus oral language proficiency (See page 3 for information on verifying the oral language requirement.)

Introductory Health Science: substance abuse (including alcohol, drug, and tobacco); family life education (including human sexuality, HIV/AIDS, and sexually transmitted diseases); nutrition; comprehensive school health systems or programs; and health education theory, behavior, or foundations

Introductory Home Economics: food and nutrition, clothing, child development, and family life and parenting (Course of study must include course work in both food and nutrition, but the areas may be covered with one course; the same is true for the family life and parenting area; at least one course must include a laboratory component.)

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Introductory Industrial Arts: drafting or graphic arts, woods or metals, and electricity or electronics

Introductory Mathematics: college algebra, geometry, and development of the real number system or introduction to mathematics; or three courses in calculus or other mathematics courses for which intermediate algebra and geometry are prerequisites

Introductory Music: vocal music, instrumental music, music history or appreciation, and music theory

Introductory Physical Education: team sports and games; fundamental and creative movement skills (such as dance and gymnastics); human movement, motor development, and/or motor learning; and individual, dual, nontraditional, and global sports and games (such as aquatics, conditioning, and archery)

Introductory Science: biological sciences, chemistry, geosciences, and physics (The course work must include a one-year sequence of courses in at least two of the listed subject areas, and at least one course must include a laboratory component.)

Introductory Social Science: United States history, California history, world history, geography, and United States government

*To be a valid prerequisite credential per California Education Code, Section 44256, the Special Secondary Teaching Credential must have been issued on the basis of at least a bachelor's degree, a student teaching requirement, and 24 semester units of course work in the subject specialty of the credential. Only Special Secondary Credentials in the subjects of Art, Business Education, Homemaking, Industrial Arts, Music, Physical Education, Speech Arts, and Vocational Agriculture meet this requirement.

Specific Subjects

These subjects authorize the holder to teach the specific subject at any grade level (preschool, K–12 inclusive, and classes organized primarily for adults).

Accounting (including Finance)	Geosciences [†]
Agricultural Mechanics	Graphic Arts
Animal Science	Industrial Crafts and Plastics
Anthropology	Instrumental Music
Auto Mechanics	Interior Design (Home Economics) ^{††}
Biological Sciences [†]	Journalism
Chemistry [†]	Literature
Child Development (Home Economics) ^{††}	Marketing/Entrepreneurship
Clothing and Textiles (Home Economics) ^{††}	Metals (Industrial Arts)
Comparative Political Systems and International Relations	Office Technologies including Word Processing and Business Communications
Computer Concepts and Applications	Ornamental Horticulture
Consumer Education (Home Economics)	Painting and Drawing
Crafts, including Jewelry and Ceramics (Art)	Photography
Dance	Physics [†]
Drafting	Plant Science
Drama	Plastics (Industrial Arts)
Economics	Psychology
Economic and Consumer Education	Sociology
Electronics	Speech
English Composition	US Government and US Civics
Family Life and Parenting (Home Economics)	US History and California History
Family Life Education including Drug, Alcohol and Tobacco Use Prevention (Health Science) ^{†††}	Vocal Music
Food and Nutrition (Home Economics) ^{††}	Woods (Industrial Arts)
Forestry and Horticulture	World History
Geography	

[†] The specific subjects in science must include the components for that area as shown below. At least one course must include a laboratory component.

Biological Sciences: Molecular and Cellular Biology, Biology of Organisms, and Evolution

Chemistry: Structure and Stability, and Chemical Reactions

Geosciences: Astronomy, Geology, Meteorology, and Oceanography

Physics: Energy-Mechanics, Energy-Heat, Energy-Electricity & Magnetism, Wave Motion, and Atomic & Nuclear Physics

^{††} Subjects marked must include a laboratory component.

^{†††} Family Life Education, including Drug, Alcohol, and Tobacco Use Prevention (Health Science), must include the following components: Sexually Transmitted Diseases including HIV/AIDS, Human Development and Human Sexuality, Parenting Education, Violence Prevention, and Drug, Alcohol, and Tobacco Use, Prevention, and Cessation.

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Oral Language Proficiency

Oral language proficiency in the language to be listed on the credential may be verified by **one** of the following:

1. Pass the speaking and listening sections of Test 6 of the Crosscultural Language and Academic Development/Bilingual Crosscultural Language and Academic Development (CLAD/BCLAD) Examinations
2. Obtain a letter from the chair of the Language Department of a regionally-accredited college or university stating that the applicant's oral proficiency is equivalent to that of a person with a bachelor's degree with a major in that language
3. Obtain a letter from the authorized person at a college or university that has an approved Bilingual Crosscultural Language and Academic Development (BCLAD) Emphasis Credential Program stating that the applicant's proficiency in that language is equivalent to the level required to complete that program

Supplementary Authorization in Portuguese

Teachers seeking a supplementary authorization in Portuguese may also fulfill the oral language proficiency requirement by verifying passage of the Bilingual Certificate of Competence assessment administered by the following Commission-approved assessor agency:

Merced County Office of Education
Office of Multilingual Multicultural Education
632 W. 13th Street
Merced, CA 95340
Contact person: Sharon Twitty
(209) 381-6632

No additional information regarding supplementary authorizations is available the Merced County Office of Education. For additional information regarding supplementary authorizations, contact the Commission's Information Services Unit at (916) 445-7254.

Supplementary Authorization in Mathematics

The University of California, Los Angeles offers a Commission-approved subject matter preparation program for the Supplementary Authorization in Mathematics. For more information, please contact the university.

Reference: Title 5, California Code of Regulations 80089, 80089.1 and 80089.2